IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bowie G. Keefer et al.

Application No.: 10/671,750 **Filed:** September 26, 2003 Confirmation No.: 9355

ENHANCED SOLID OXIDE FUEL CELL

SYSTEMS

Examiner: To be assigned

Art Unit: 1745

Attorney Reference No.: 6454-66999-01

MAIL STOP AMENDMENT **COMMISSIONER FOR PATENTS** P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Date Mailed February 21, 2005

TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- \boxtimes Information Disclosure Statement Form 1449 and copies of non-U.S. references and publications cited thereon
- The Director is hereby authorized to charge any fees that may be required, or credit over- \boxtimes payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- \boxtimes Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Registration No. 34,420

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204

Telephone: (503) 226-7391 Facsimile: (503) 228-9446

WR:jam 02/21/05 6454-66999-01 352540

FEB 2 4 2005 0 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bowie G. Keefer et al.

Application No.: 10/671,750 Filed: September 26, 2003 Confirmation No.: 9355

For: ENHANCED SOLID OXIDE FUEL CELL

SYSTEMS

Examiner: To be assigned

Art Unit: 1745

Attorney Reference No.: 6454-66999-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney for Applicant(s

....

Date Mailed February 21, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Ву

Wayne W. Rupert

Registration No. 34,420

One World Trade Center, Suite 1600

121 S.W. Salmon Street Portland, Oregon 97204 Telephone: (503) 226-7391

Facsimile: (503) 228-9446

INFORMATION DISCLOSERES TATEMENT BY APPLICANT

Attorney Docket Number	6454-66999-01	
Application Number	10/671,750	
Filing Date	September 26, 2003	
First Named Inventor	Bowie G. Keefer	
Art Unit	1745	
Examiner Name	To be assigned	

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		3,847,672	November 1974	Trocciola et al.
		3,865,924	February 1975	Gidaspow et al.
		4,532,192	July 1985	Baker et al.
	-	4,555,453	November 1985	Appleby
		4,595,642	June 1986	Nakanishi et al.
·		4,759,997	July 1988	Ohyauchi et al.
		4,781,735	November 1988	Tagawa
		4,801,308	January 1989	Keefer
· · ·		4,816,121	March 1989	Keefer
321 1 21 11 11		4,969,935	November 1990	Hay
	,	4,988,580	January 1991	Ohsaki et al.
		4,994,331	February 1991	Cohen
		5,068,159	November 1991	Kinoshita
		5,175,061	December 1992	Hildebrandt et al.
* 11.00		5,245,110	September 1993	Van Dijk et al.
		5,328,503	July 1994	Kumar
		5,366,818	November 1994	Wilkinson et al.

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6454-66999-01		
Application Number	10/671,750		
Filing Date	September 26, 2003		
First Named Inventor	Bowie G. Keefer		
Art Unit	1745		
Examiner Name	To be assigned		

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,411,578	May 1995	Watson
		5,434,016	July 1995	Benz et al.
		5,523,326	June 1996	Dandekar et al.
		5,543,238	August 1996	Strasser
	<u></u>	5,604,047	February 1997	Bellows et al.
		5,645,950	July 1997	Benz et al.
		5,711,926	January 1998	Knaebel
·		5,714,276	February 1998	Okamoto
		5,811,201	September 1998	Skowronski
		5,900,329	May 1999	Reiter et al.
		5,917,136	June 1999	Gaffney et al.
		5,980,857	November 1999	Kapoor et al.
		6,045,933	April 2000	Okamoto
		6,056,804	May 2000	Keefer et al.
<u> </u>		6,176,897	January 2001	Keefer
		6,190,623	February 2001	Sanger et al.
<u> </u>		6,190,791	February 2001	Hornburg

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6454-66999-01	
Application Number	10/671,750	
Filing Date	September 26, 2003	
First Named Inventor	Bowie G. Keefer	
Art Unit	1745	
Examiner Name	To be assigned	

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
	-	6,283,723	September 2001	Milburn et al.
		6,312,843	November 2001	Kimbara et al.
-		6,358,300	March 2002	Fornof et al.
		6,667,128	December 2003	Edlund

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Canada	1,256,038	June 1989	
•		Canada	2,016,045	August 1994	
		Canada	2,087,972	January 2000	
		Canada	2,087,973	January 2000	
		Canada	2,109,055	February 2000	
		Europe	EP 0 143 537 A2	June 1985	
		Europe	EP 0 341 189 A1	August 1989	
		Europe	EP 0 143 537 B1	March 1990	
		Europe	EP 0 681 860 A2	July 1996	

	ATE ONSIDERED:
--	-------------------

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6454-66999-01	
Application Number	10/671,750	
Filing Date	September 26, 2003	
First Named Inventor	Bowie G. Keefer	
Art Unit	1745	
Examiner Name	To be assigned	

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	EP 0 691 701 A1	October 1996	
		Europe	EP 1 070 531 A2	January 2001	
		Germany	DE 3913581 A1	November 1990	
		Japan (Abstract)	JP 62 278770	March 1987	
		Japan (Abstract)	JP 63 166137	November 1987	
		Japan (English Translation)	JP 63 228572 A	September 1988	
		Japan (English Translation)	JP 04206161 A	July 1992	
		Japan (English Translation)	JP 05 166528	July 1993	
		Japan (Abstract)	JP 07 094200	July 1995	
		Japan (Abstract)	JP 80 45526 A2	February 1996	
		Japan (Abstract)	JP 10 027621 A	January 1998	•
		Japan (Abstract)	JP 11 214021 A2	August 1999	
		WIPO/PCT	WO 96/13871	May 1996	
		WIPO/PCT	WO 99/01202	January 1999	
		WIPO/PCT	WO 99/19249	April 1999	
		WIPO/PCT	WO 99/46032	September 1999	
		WIPO/PCT	WO 00/76630	December 2000	

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6454-66999-01		
Application Number	10/671,750		
Filing Date	September 26, 2003		
First Named Inventor	Bowie G. Keefer		
Art Unit	1745		
Examiner Name	To be assigned		

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee	
		WIPO/PCT	WO 01/47050	June 2001		
		WIPO/PCT	WO 02/45821	June 2002		
				-		
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS				
		Carvill et al., AIChE J. 42(10):2765-2772, 1996				
		Chatsiriwech et al., Catalysis Today 20:351-366, 1994				
		Ding et al., Chemical Engineering Science 55:3461-3474, 2000				
		Ding et al., Chemical Engineering Science 55:3929-3940, 2000				
	-	Hufton et al., AIChE J. 45(2):248-256, 1999				
		Iyuke et al., Chemical Engineering Science 55:4745-4755, 2000				
		Vaporciyan and Kadiec, AIChE J. 35:831-844, 1989				
		International Search Report from International Application No. PCT/CA99/00823				
		International Search Report from International Application No. PCT/CA02/00368				

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.